

Application No. 10/026,486
Amendment "C" dated September 7, 2005
Reply to Office Action mailed July 1, 2005

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A proxy service control method for executing a service on a proxy service control apparatus connected between a user's terminal and a server on behalf of an application in said user's terminal, said service being provided on a session set between said application and said server, the method being characterized by comprising:

a storage step of storing session information on said session in response to said user's request;

a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of reproducing ~~continuing~~ a session between said server and said proxy service control apparatus to execute said service on behalf of said application on the basis of said session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring service results received in said proxy step, from said proxy service control apparatus to said application.

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Claim 2. (Previously Presented) The proxy service control method as claimed in claim 1, characterized by further comprising a detection step of detecting an ability of said application to receive said service and a conversion step of converting said service results received in said proxy step, into a different reception form on the basis of said ability detected in the detection step, and

in that said transfer step transfers said service in said reception form converted in said conversion step.

Claim 3. (Currently Amended) A proxy service control apparatus connected between a user's terminal and a server to execute, on behalf of an application in said user's terminal, a service being provided on a session set between said application and said server, the apparatus being characterized by comprising:

storage means for storing session information on said session in response to said user's request;

monitor means for monitoring whether or not said session is being continued between said application and said server;

proxy means for reproducing continuing said session with said server to execute said service on behalf of said application on the basis of said session information stored in said storage means, if said monitor means determines that said session has been interrupted; and

transfer means for transferring service results received by said proxy means, to said application.

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Claim 4. (Previously Presented) The proxy service control apparatus as claimed in claim 3, characterized in that said transfer means includes detection means for detecting an ability of said application to receive said service and conversion means for converting said service results received by said proxy step, into a different reception form on the basis of said ability detected by the detection means, and said service is transferred in said reception form converted by the conversion means.

Claim 5. (Currently Amended) A computer-readable recording medium having a program recorded thereon which executes a service on a proxy service control apparatus connected between a user's terminal and a server on behalf of an application in said user's terminal, said service being provided on a session set between said application and said server, the recording medium being characterized in that the program allows a computer to execute:

a storage step of storing session information on said session in response to said user's request;

a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of reproducing continuing a session between said server and said proxy service control apparatus to execute said service on behalf of said application on the basis of said session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring service results received in said proxy step, from said proxy service control apparatus to said application.

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Claim 6. (Previously Presented) The computer-readable recording medium as claimed in claim 5, characterized by further comprising a detection step of detecting an ability of said application to receive said service and a conversion step of converting said service results received in said proxy step, into a different reception form on the basis of said ability detected in the detection step, and

in that said transfer step transfers said service in said reception form converted in said conversion step.

Claim 7. (Currently Amended) A program executing a service on a proxy service control apparatus connected between a user's terminal and a server on behalf of an application in said user's terminal, said service being provided on a session set between said application and said server, the program being characterized by allowing a computer to execute:

a storage step of storing session information on said session in response to said user's request;

a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of reproducing continuing a session between said server and said proxy service control apparatus to execute said service on behalf of said application on the basis of said session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring service results received in said proxy step, from said proxy service control apparatus to said application.

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Claim 8. (Previously Presented) The program as claimed in claim 7, characterized by further comprising a detection step of detecting an ability of said application to receive said service and a conversion step of converting said service results received in said proxy step, into a different reception form on the basis of said ability detected in the detection step, and

in that said transfer step transfers said service in said reception form converted in said conversion step.